

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

| | Document ID | Issue Date | Title | Current OR | Inventor |
|---|-------------------|------------|--|------------|------------------------------|
| 1 | US 20020161688 A1 | 20021031 | Open market collaboration system for enterprise wide electronic commerce | 705/37 | Stewart, Rocky et al. |
| 2 | US 20020069192 A1 | 20020606 | Modular distributed mobile data applications | 707/1 | Aegerter, William Charles |
| 3 | US 6519617 B1 | 20030211 | Automated creation of an XML dialect and dynamic generation of a corresponding DTD | 715/513 | Wanderski, Michael C. et al. |
| 4 | US 6125391 A | 20000926 | Market makers using documents for commerce in trading partner networks | 709/223 | Meltzer, Bart Alan et al. |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| - | 1387 | (electronic adj commerce) and XML | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:28 |
| - | 164 | ((electronic adj commerce) and XML) and DTD | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:19 |
| - | 74 | ((electronic adj commerce) and XML) and DTD) and parser | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:19 |
| - | 59 | (((electronic adj commerce) and XML) and DTD) and parser) and dynamic\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:19 |
| - | 46 | (((electronic adj commerce) and XML) and DTD) and parser) and dynamic\$4) and transform\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:20 |
| - | 11 | ((((electronic adj commerce) and XML) and DTD) and parser) and dynamic\$4) and transform\$5) and (XSL or XSLT) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:27 |
| - | 0 | ((((electronic adj commerce) and XML) and DTD) and parser) and dynamic\$4) and transform\$5) and (6519617.pn.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:27 |
| - | 0 | ((electronic adj commerce) and XML) and (6519617.pn.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:28 |
| - | 0 | ((electronic adj commerce) and XML) and DTD) and (6519617.pn.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:27 |
| - | 2 | 6519617.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:28 |
| - | 0 | 6519617.pn. and (electronic adj commerce) and XML | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:28 |
| - | 2 | 6519617.pn. and XML | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:29 |
| - | 2 | 6519617.pn. and(XML parser DTD) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:29 |

| | | | | |
|--|---|--|---|------------------|
| | 0 | (6519617.pn. and(XML parser DTD)) and (XSL or XSLT) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:29 |
| | 0 | (6519617.pn. and(XML parser DTD)) and (XSL) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:31 |

| | | | | |
|--|-----|---|---|------------------|
| | 592 | ("5794234" "5367664" "5761661" "6125391" "5758126" "5557780" "6128624" "5410675" "5982893" "6122372" "6226675" "6226675" "4951196" "5794206" "5202977" "6408303" "5832100" "6317592" "6088700" "6292830" "6549906" "6137873" "5644778" "6230201" "5909570" "6167385" "6601040" "6604086" "6609103" "6611810" "6615183" "6622124" "5201047" "5455945" "5526518" "5870549" "6350066" "4945219" "6169997" "6175838" "6199068" "6714931" "6104999" "6249578" "6144934" "5897645" "5946691" "5493671" "6453352" "6542912").pn. ("6219632" "6219632" "4858121" "5930759" "6076066" "6199115" "6338093" "6343310" "6567821" "6209124" "6453297" "5884029" "6601039" "6606602" "6684197" "6108649" "6151584" "6671728" "6687557" "5675745" "5774887" "5978390" "6058435" "6098047" "6283761" "5933597" "5758327" "5003574" "5461488" "5675507" "5870624" "5870559" "5958008" "6144962" "6237006" "5708828" "5892909" "5228100" "5258855" "5369508" "5644721" "5754772" "6141663" "6226422" "6226422" "6604113" "6611839" "6643635" "6167378" "6332135").pn. ("6336105" "6338050" "6010156" "6339795" "5812398" "6021198" "6226285" "6226285" "5513356" "4374408" "4930071" "5253166" "5283895" "5517562" "5748731" "5848426" "5884310" "6125395" "6151608" "6185544" "6315569" "6393569" "6415277" "6473760" "6477510" "6098106" "6436703" "5956688" "4816911" "5208748" "5216603" "5483651" "5493105" "5502576" "5563998" "5604640" "5699527" "5752059" "5754306" "5796411" "5828814" "5875302" "5949438" "6009442" "6057929" "6088720" "6088696" "6147773" "6237011" "6249607").pn. ("6351736" "6408284" "6591289" "5495602" "6026243" "5608874" "5715397" "5874999" "5920861" "6138119" "6147708" "6434535" "6061789" "6216015" "6216015" "5801700" "5812776" "5877767" "5884312" "5960164" "6018724" "6072491" "6285745" "6327594" "5815720" "6601037" "6601038" "6629080" "5646997" "5912972" "6047374" "6101604" "6115818" "6163842" "5713019" "5884309" "5893131" "6442571" "6523114" "6209004" "5539828" "5764908" "5796840" "5805712" "5812130" "5826265" "5857194" "5864875" "5878408" "5920873").pn. ("5920867" "5950201" "6035297" "6088693" "6094654" "6101548" "6185546" "6678684" "5247670" "5331555" "5446740" "5568489" "5724574" "5813009" "5890139" "6006195" "6138104" "6314089" "5933829" "6108656" "6130933" "6259774" "6684214" "6240441" "6345239" "6377953" "5995730" "4897799" "5054096" "5247661" "5583760" "5717868" "5819011" "5838949" "5899978" "6003007" "6023705" "6061660" "6061660" "6480956" "6684372" "4423448" "5541394" "6078924" "4796755" "4813065" "5263744" "5805981" "5867665" "5867667").pn. ("5870562" "5880726" "5884035" "6026430" "6032025" "6131099" "6249770" "6442169" "6457049" "6473805" "6532465" "6205482" "6295513" "6640307" "6721715" "6131087" "5970475" "6233577" "5894558" "6058380" "6067579" "5557659" "5717742" "6314468" "6141666" "5579117" "5831558" "5745901" "6240186" "6334158" "5265244" "4803652" "5260867" "5553269" "5739512" "5983203" "6058355" "6104500" "6104376" "6301660" "5787283" "5432930" "5454102" "5727220" "6157924" "6192381" "3585601" "4314352" "4323964" "4414643").pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:31 |
|--|-----|---|---|------------------|

| | | | | |
|--|---|--|---------------------|------------------|
| | 0 | <p>((((((electronic adj commerce) and XML) and DTD) and parser) and dynamic\$4) and transform\$5) and (XSL or XSLT) and ((5794234" "5367664" "5761661" "6125391" "5758126" "5557780" "6128624" "5410675" "5982893" "6122372" "6226675" "6226675" "4951196" "5794206" "5202977" "6408303" "5832100" "6317592" "6088700" "6292830" "6549906" "6137873" "5644778" "6230201" "5909570" "6167385" "6601040" "6604086" "6609103" "6611810" "6615183" "6622124" "5201047" "5455945" "5526518" "5870549" "6350066" "4945219" "6169997" "6175838" "6199068" "6714931" "6104999" "6249578" "6144934" "5897645" "5946691" "5493671" "6453352" "6542912").pn.</p> <p>(6219632" "6219632" "4858121" "5930759" "6076066" "6199115" "6338093" "6343310" "6567821" "6209124" "6453297" "5884029" "6601039" "6606602" "6684197" "6108649" "6151584" "6671728" "6687557" "5675745" "5774887" "5978390" "6058435" "6098047" "6283761" "5933597" "5758327" "5003574" "5461488" "5675507" "5870624" "5870559" "5958008" "6144962" "6237006" "5708828" "5892909" "5228100" "5258855" "5369508" "5644721" "5754772" "6141663" "6226422" "6226422" "6604113" "6611839" "6643635" "6167378" "6332135").pn.</p> <p>(6336105" "6338050" "6010156" "6339795" "5812398" "6021198" "6226285" "6226285" "5513356" "4374408" "4930071" "5253166" "5283895" "5517562" "5748731" "5848426" "5884310" "6125395" "6151608" "6185544" "6315569" "6393569" "6415277" "6473760" "6477510" "6098106" "6436703" "5956688" "4816911" "5208748" "5216603" "5483651" "5493105" "5502576" "5563998" "5604640" "5699527" "5752059" "5754306" "5796411" "5828814" "5875302" "5949438" "6009442" "6057929" "6088720" "6088696" "6147773" "6237011" "6249607").pn.</p> <p>(6351736" "6408284" "6591289" "5495602" "6026243" "5608874" "5715397" "5874999" "5920861" "6138119" "6147708" "6434535" "6061789" "6216015" "6216015" "5801700" "5812776" "5877767" "5884312" "5960164" "6018724" "6072491" "6285745" "6327594" "5815720" "6601037" "6601038" "6629080" "5646997" "5912972" "6047374" "6101604" "6115818" "6163842" "5713019" "5884309" "5893131" "6442571" "6523114" "6209004" "5539828" "5764908" "5796840" "5805712" "5812130" "5826265" "5857194" "5864875" "5878408" "5920873").pn.</p> <p>(5920867" "5950201" "6035297" "6088693" "6094654" "6101548" "6185546" "6678684" "5247670" "5331555" "5446740" "5568489" "5724574" "5813009" "5890139" "6006195" "6138104" "6314089" "5933829" "6108656" "6130933" "6259774" "6684214" "6240441" "6345239" "6377953" "5995730" "4897799" "5054096" "5247661" "5583760" "5717868" "5819011" "5838949" "5899978" "6003007" "6023705" "6061660" "6061660" "6480956" "6684372" "4423448" "5541394" "6078924" "4796755" "4813065" "5263744" "5805981" "5867665" "5867667").pn.</p> <p>(5870562" "5880726" "5884035" "6026430" "6032025" "6131099" "6249770" "6442169" "6457049" "6473805" "6532465" "6205482" "6295513" "6640307" "6721715" "6131087" "5970475" "6233577" "5894558" "6058380" "6067579" "5557659" "5717742" "6314468" "6141666" "5579117" "5831558" "5745901" "6240186" "6334158" "5265244" "4803652" "5260867" "5553269" "5739512" "5983203" "6058355" "6104500" "6104376" "6301660" "5787283" "5432930" "5454102" "5727220" "6157924" "6192381" "3585601" "4314352" "4323964" "4414643").pn.</p> <p>)</p> | USPAT; US-PPGPUB | 2004/07/20 10:44 |
|--|---|--|---------------------|------------------|

| | | | | |
|--|---|---|-----------------|------------------|
| | 9 | ((electronic adj commerce) and XML) and ((("5794234" "5367664" "5761661" "6125391" "5758126" "5557780" "6128624" "5410675" "5982893" "6122372" "6226675" "6226675" "4951196" "5794206" "5202977" "6408303" "5832100" "6317592" "6088700" "6292830" "6549906" "6137873" "5644778" "6230201" "5909570" "6167385" "6601040" "6604086" "6609103" "6611810" "6615183" "6622124" "5201047" "5455945" "5526518" "5870549" "6350066" "4945219" "6169997" "6175838" "6199068" "6714931" "6104999" "6249578" "6144934" "5897645" "5946691" "5493671" "6453352" "6542912").pn. ("6219632" "6219632" "4858121" "5930759" "6076066" "6199115" "6338093" "6343310" "6567821" "6209124" "6453297" "5884029" "6601039" "6606602" "6684197" "6108649" "6151584" "6671728" "6687557" "5675745" "5774887" "5978390" "6058435" "6098047" "6283761" "5933597" "5758327" "5003574" "5461488" "5675507" "5870624" "5870559" "5958008" "6144962" "6237006" "5708828" "5892909" "5228100" "5258855" "5369508" "5644721" "5754772" "6141663" "6226422" "6226422" "6604113" "6611839" "6643635" "6167378" "6332135").pn. ("6336105" "6338050" "6010156" "6339795" "5812398" "6021198" "6226285" "6226285" "5513356" "4374408" "4930071" "5253166" "5283895" "5517562" "5748731" "5848426" "5884310" "6125395" "6151608" "6185544" "6315569" "6393569" "6415277" "6473760" "6477510" "6098106" "6436703" "5956688" "4816911" "5208748" "5216603" "5483651" "5493105" "5502576" "5563998" "5604640" "5699527" "5752059" "5754306" "5796411" "5828814" "5875302" "5949438" "6009442" "6057929" "6088720" "6088696" "6147773" "6237011" "6249607").pn. ("6351736" "6408284" "6591289" "5495602" "6026243" "5608874" "5715397" "5874999" "5920861" "6138119" "6147708" "6434535" "6061789" "6216015" "6216015" "5801700" "5812776" "5877767" "5884312" "5960164" "6018724" "6072491" "6285745" "6327594" "5815720" "6601037" "6601038" "6629080" "5646997" "5912972" "6047374" "6101604" "6115818" "6163842" "5713019" "5884309" "5893131" "6442571" "6523114" "6209004" "5539828" "5764908" "5796840" "5805712" "5812130" "5826265" "5857194" "5864875" "5878408" "5920873").pn. ("5920867" "5950201" "6035297" "6088693" "6094654" "6101548" "6185546" "6678684" "5247670" "5331555" "5446740" "5568489" "5724574" "5813009" "5890139" "6006195" "6138104" "6314089" "5933829" "6108656" "6130933" "6259774" "6684214" "6240441" "6345239" "6377953" "5995730" "4897799" "5054096" "5247661" "5583760" "5717868" "5819011" "5838949" "5899978" "6003007" "6023705" "6061660" "6061660" "6480956" "6684372" "4423448" "5541394" "6078924" "4796755" "4813065" "5263744" "5805981" "5867665" "5867667").pn. ("5870562" "5880726" "5884035" "6026430" "6032025" "6131099" "6249770" "6442169" "6457049" "6473805" "6532465" "6205482" "6295513" "6640307" "6721715" "6131087" "5970475" "6233577" "5894558" "6058380" "6067579" "5557659" "5717742" "6314468" "6141666" "5579117" "5831558" "5745901" "6240186" "6334158" "5265244" "4803652" "5260867" "5553269" "5739512" "5983203" "6058355" "6104500" "6104376" "6301660" "5787283" "5432930" "5454102" "5727220" "6157924" "6192381" "3585601" "4314352" "4323964" "4414643").pn.) | USPAT; US-PGPUB | 2004/07/20 10:44 |
| | 4 | (US-6519617-\$ or US-6125391-\$).did. or (US-20020161688-\$ or US-20020069192-\$).did. | USPAT; US-PGPUB | 2004/07/21 13:55 |
| | 3 | ((US-6519617-\$ or US-6125391-\$).did. or (US-20020161688-\$ or US-20020069192-\$).did.) and (tag) | USPAT; US-PGPUB | 2004/07/21 13:56 |